

At page 89, line 7, please insert after the sequence, --(SEQ ID NO 126)--.

At page 89, line 8, please insert after the sequence, --(SEQ ID NO 127)--.

At page 89, line 9, please insert after the sequence, --(SEQ ID NO 128)--.

At page 89, line 17, please insert after "3'", --(residue
A15 nos. 1-15 of SEQ ID NO 124)--.

At page 89, line 18, please insert after "3'", --(SEQ ID NO 129)--.

At page 89, line 20, please insert after "3'", --(residue
A16 nos. 1-24 of SEQ ID NO 51)--.

At page 89, line 32, please insert after "3'", --(SEQ ID NO 130)--.

At page 90, line 1, please insert after "3'", --(SEQ ID NO 131)--.

At page 92, line 2, please insert after the sequence, --(SEQ ID NO 102)--.

At page 96, line 16, please delete "RGGCTAGCXACAACGA" and insert --RGGCTAGCHACAACGA--.

At page 96, line 17, please delete "X" and insert --H--.

REMARKS

The above amendments are to add sequence listing identifiers. The amendments at pages 4 and 96 (SEQ ID NO 122) are made to comply with IUPAC designations. No new matter has been added. Applicants respectfully request entry of these amendments.

I hereby state that the content of the paper and computer readable copies of the Sequence Listing, submitted in accordance with 37 CFR \$1.821(a) through (c) and (e), respectively, are the

same and include no new matter.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that making willful false statements and the like is punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

10/25/00

Date

Emily Holmes

Emily Holmes, Reg. No. 40,652

THE SCRIPPS RESEARCH INSTITUTE
10550 North Torrey Pines Road
Mail Drop TPC-8
La Jolla, California 92037
(858) 784-2937